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PATENT
Docket No.: 019496-001810US
Client Ref. No.: S1-US2

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On March 17, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: *Paul James Harty*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

APR 11 2003

RECEIVED

In re application of:

EISENBERG et al.

Application No.: 09/825,242

Filed: April 2, 2001

For: SELECTION OF SITES FOR
TARGETING BY ZINC FINGER
PROTEINS AND METHODS OF
DESIGNING ZINC FINGER PROTEINS
TO BIND TO PRESELECTED SITES

Examiner: John S. Brusca

Art Unit: 1631

COMMUNICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Communication mailed February 18, 2003, Applicants enclose the following items requested by the Examiner:

1. A clean version of the substitute specification incorporating all changes to specification made by previous amendments, pursuant to 37 CFR 1.125(a).
2. A courtesy copy of the preliminary amendment filed with the specification on April 2, 2001.

The specification has been amended to include a sentence describing the priority data for this application. Because this priority claim was previously submitted in both the ADS

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Application No.: 09/825,242
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PATENT

and transmittal letter filed with the application on April 2, 2001, the amendment does not constitute new matter.

The claims in the substitute specification reflect the status of claims following submission of the Preliminary Amendment filed April 2, 2001. Briefly, claims 1-34, 44-47, and 50-51 have been canceled. Claims 35-43, 48-49, and 52-53 are pending.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at .

Respectfully submitted,



Joe Liebeschuetz
Reg. No. 37,505

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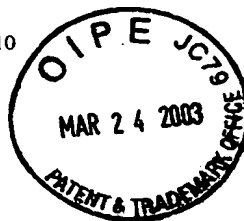
Date of Deposit April 2, 2001

PATENT
Attorney Docket No.: 19496-001810US

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RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

EISENBERG et al.

Examiner: Jeffrey Lundgren

Art Unit: 1631

Application No.:

Filed: March 30, 2001

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

For: SELECTION OF SITES FOR
TARGETING BY ZINC FINGER
PROTEINS AND METHODS OF
DESIGNING ZINC FINGER PROTEINS
TO BIND TO PRESELECTED SITES

AND

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant submits herewith the required paper copy of the Sequence Listing. Applicant has concurrently filed Request To Reference Previously Filed Identical Computer Readable Copy According To 37 CFR 1.821(e); and, therefore, Applicant has not submitted computer readable copy of the sequence listing herewith.

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

In the specification:

Please replace the paragraph beginning at line 13 of page 1 with the following rewritten paragraph:

a: Zinc finger proteins (ZFPs) are proteins that can bind to DNA in a sequence-specific manner. Zinc fingers were first identified in the transcription factor TFIIIA from the oocytes of the African clawed toad, *Xenopus laevis*. An exemplary motif characterizing one class of these protein (C₂H₂ class) is -Cys-(X)₂₋₄-Cys-(X)₁₂-His-(X)₃₋₅-His (SEQ ID NO:1) (where X is any amino acid). A single finger domain is about 30 amino acids in length, and